

CLAIMS

What is claimed is:

1. A mobile navigation device comprising:

a navigation control module that transmits a destination and a starting point via a network and/or a present position fixed via a GPS means, to an information distribution computer system, together with a request for routing guidance, and performs routing guidance on the basis of information delivered by the information distribution computer system;

a telephone communication control module for effecting telephone communication with other mobile telephones; and

an operation control module for controlling the navigation control and telephone communication control modules;

and wherein:

upon detecting a particular event while the navigation control module is in operation, the operation control module sends a suspension command to the navigation control module, thereby suspending operation of the same; and

upon detecting termination of the particular event, the operation control module sends a resumption command to the navigation control module to resume operation.

2. The mobile navigation device according to claim 1, wherein the particular event referred to is a telephone call coming from another mobile telephone.

3. The mobile navigation device according to claim 1, wherein the particular event consists of a warning that the remaining power of the battery is at

or below a certain level.

4. The mobile navigation device according to claim 1, wherein the particular event consists of a warning that the system resources of the navigation device are insufficient.

5. The mobile navigation device according to claim 1, wherein the power to the GPS means is turned off in the process of suspending operation of the navigation control module.

6. The mobile navigation device according to claim 1, wherein resources acquired for navigation are released in the process of suspending operation of the navigation control module.

7. The mobile navigation device according to claim 1, wherein GPS communication is stopped in the process of suspending operation of the navigation control module.

8. The mobile navigation device according to claim 1, wherein the power to the GPS means is turned on in the process of resuming operation of the navigation control module.

9. The mobile navigation device according to claim 1, wherein resources needed for navigation are acquired in the process of resuming operation of the navigation control module.

10. The mobile navigation device according to claim 1, wherein GPS communication commences in the process of resuming operation of the navigation control module.

11. A control method for a mobile navigation device comprising:
a navigation control module that transmits a destination and a starting point via a network and/or a present position fixed via a GPS means, to an

information distribution computer system, together with a request for routing guidance, and performs routing guidance on the basis of information delivered by the information distribution computer system;

a telephone communication control module for effecting telephone communication with other mobile telephones; and

an operation control module for controlling the navigation control and telephone communication control modules;

and being a control method comprising:

a step wherein, upon detecting a particular event while the navigation control module is in operation, the operation control module sends a suspension command to the navigation control module, thereby suspending operation of the same; and

a step wherein, upon detecting termination of the particular event, the operation control module sends a resumption command to the navigation control module to resume operation.

12. The mobile navigation device control method according to claim 11, wherein the power supply to the GPS means is turned off in the process of suspending the navigation control module.

13. The mobile navigation device control method according to claim 11, wherein resources acquired for navigation are released in the process of suspending operation of the navigation control module.

14. The mobile navigation device control method according to claim 11, wherein GPS communication is stopped in the process of suspending operation of the navigation control module

15. The mobile navigation device control method according to claim 11,

wherein the power supply to the GPS means is turned on in the process of resuming operation of the navigation control module.

16. The mobile navigation device control method according to claim 11, wherein GPS communication commences in the process of resuming operation of the navigation control module.

17. The mobile navigation device control method according to claim 11, wherein resources needed for navigation are acquired in the process of resuming operation of the navigation control module.

18. A control program for a computer device comprising:

a navigation function wherein the navigation control module transmits a destination and a starting point via a network and/or a present position fixed via a GPS means, to an information distribution computer system, together with a request for routing guidance, and performs routing guidance on the basis of information delivered by the information distribution computer system;

a telephone communication control function for effecting telephone communication with other mobile telephones; and

an operation control function,

being a control program that causes such computer device to realize the function of turning off and on the GPS means, using the telephone communication control as trigger.

19. The control program according to claim 18, wherein the computer device is made to realize the function of releasing resources acquired for navigation when the GPS means is turned off.

20. The control program according to claim 18, wherein the computer device is made to realize the function of stopping GPS communication when the

GPS means is turned off.

21. The control program according to claim 18, wherein the computer device is made to realize the function of commencing GPS communication when the GPS means is turned on.

22. The control program according to claim 18, wherein the computer device is made to realize the function of acquiring resources needed for navigation when the GPS means is turned on.